

**Public Works Committee**

**06/11/13**

Fund:	2010 Revenue Bond	Department:	Water Utility
Revenue:		Contact:	Bill Clayton
Expense:	\$5,591,680	Phone:	706.868.3474
Line Code(s):	20101-15-015		

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**ITEM:** Bid 2013-026: Little River Expansion Phase I

**BACKGROUND:** On May 16, 2013, Columbia County received bids for the Little River Expansion Phase I, which includes the new pumping station, odor control facility and appurtenances. The low bid was submitted by Southern Champion Construction Inc., of Stone Mountain, Georgia, which includes the three alternates, in the amount of \$5,591,680.

**STAFF RECOMMENDATION:** Staff recommends awarding to the low bidder Southern Champion Construction.

**COMMITTEE COMMENTS:** Agreed with recommendation and forwarded to the consent agenda.

**COMMITTEE RECOMMENDATION / MOTION:** I make a motion to award Bid 2013-026: Little River Expansion Phase I to Southern Champion Construction, Inc. for \$5,591,680.00. Funding: 2010 Revenue Bond, 20101-15-015



G. BEN TURNIPSEED ENGINEERS

*Environmental Civil Hydraulic*

4210 COLUMBIA ROAD, BUILDING 3, AUGUSTA, GA 30907 • 706-863-8800

June 5, 2013

Columbia County Board of Commissioners  
P.O. Box 204660  
Martinez, Georgia 30917

Attn: Mr. William C. Clayton, Director  
Columbia County Water Utility

Re: Columbia County, Georgia  
Additions to the Little River WPCP – Phase I  
Columbia County Bid Number 2013-026  
Project No. 250327.005

We have checked the bids received May 16, 2013 on the subject project. A tabulation of the bids received are as follows:

<b>Bidders</b>	<b>Total Amount Bid</b>	<b>Total Bid Alternates</b>	<b>Total Amount with Alternates</b>
Southern Champion Construction, Inc. Stone Mountain, Georgia	\$5,424,180.00	\$167,500.00	\$5,591,680.00
WWPS, LLC Villa Rica, Georgia	\$5,600,000.00	\$164,000.00	\$5,764,000.00
Morgan Contracting, Inc. Knoxville, Tennessee	\$5,697,000.00	\$149,800.00	\$5,846,800.00
South Atlantic Construction, Inc. Greenwood, South Carolina	\$5,734,000.00	\$126,500.00	\$5,860,500.00
P.E. Moon and Company, Inc. West Point, Georgia	\$5,956,900.00	\$171,303.00	\$6,128,203.00

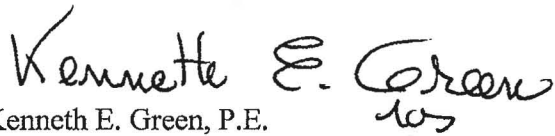
We have enclosed a certified bid tabulation of the bids.

As indicated, the low bidder is Southern Champion Construction, Inc. of Stone Mountain, Georgia. Since the low bidder appears to have adequate experience, technical ability, and financial capability to complete the project, we recommend contract award be made to Southern Champion Construction, Inc. in the amount of \$5,591,680.00 with Alternates 1, 2, and 3. Note the Contractor has offered a deduct to use ABS pumps, which we are evaluating. If the County elects to use ABS pumps, we will draft a change order.

Mr. William C. Clayton  
June 5, 2013  
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After approval of contract award, we will prepare the contract documents for execution by both the Contractor and the County. If you have any questions concerning our recommendation, please call us.

Yours truly,  
**G. BEN TURNIPSEED ENGINEERS, INC.**

  
Kenneth E. Green, P.E.

KEG:ras

Enclosure

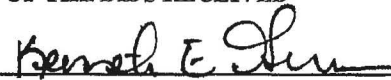
250327.005 LETTER OF RECOMMENDATION NO CHANGE ORDER

G. BEN TURNIPSEED ENGINEERS, INC.  
Augusta, Georgia

**BID TABULATION**

BIDS RECEIVED: MAY 16, 2013 at 2:30 P.M.

THIS IS TO CERTIFY THAT  
THIS IS A CORRECT TABULATION  
OF THE BIDS RECEIVED

  
Kenneth E. Green, P.E.

COLUMBIA COUNTY, GEORGIA  
ADDITIONS TO THE LITTLE RIVER WPCP - PHASE I  
COLUMBIA COUNTY BID NUMBER 2013-026

		Southern Champion Construction, Inc. Stone Mountain, Georgia	WWPS, LLC Villa Rica, Georgia
Item 1:	For furnishing all materials and equipment and performing all labor necessary for constructing additions to the Little River Water Pollution Control Plant Phase I including earth excavation, backfill, painting and all other work and grading, roadways, substructures, yard piping, drains, electrical, mechanical (excluding the cost of appurtenances for completion of the work as shown on the Drawings and/or as specified, Major Mechanical Equipment listed in Item No. 2) and all other work and appurtenances, the lump sum of:	\$3,509,224.00	\$3,666,449.00

Item 2: MECHANICAL EQUIPMENT

Equipment and Manufacturer		Price	Base Price	Price	Base Price
a.	Mechanical Bar Screen - Section 10.13		\$400,000.00		\$404,000.00
	Mfr. Headworks, Inc.	\$400,000.00		\$404,000.00	
b.	Submersible Pumps - Section 10.14		\$525,400.00		\$496,000.00
	Mfr. KSB, Inc.	\$525,400.00		\$496,000.00	
c.	Odor Control Equipment - Section 10.15		\$120,000.00		\$217,000.00
	Mfr. Bio Air Solutions, I.I.C	\$120,000.00		\$217,000.00	
d.	Instrumentation and Control - Section 11		\$320,000.00		\$320,000.00
	Mfr. Emerson Bristol	\$320,000.00			
	Mfr. Whitaker Electric			\$320,000.00	
e.	Generator Sets and Equipment - Section 13		\$400,000.00		\$390,761.00
	Mfr. Caterpillar	\$400,000.00		\$390,761.00	
	Mfr. Cummins			\$406,006.00	

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
3.	500	CY	Rock Excavation	\$60.00	\$30,000.00	\$50.00	\$25,000.00
4.	1	LS	Comprehensive Monitoring Program	\$6,000.00	\$6,000.00	\$4,000.00	\$4,000.00
5.	1	LS	Spare Parts Allowance	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00

EXTRA WORK, IF ORDERED BY ENGINEER

6.	EXCAVATION AND BACKFILL						
a.	10	CY	Hand, Dry	\$29.80	\$298.00	\$30.00	\$300.00
b.	10	CY	Hand, Wet and Dewatering	\$45.60	\$456.00	\$40.00	\$400.00
c.	10	CY	Machine, Dry	\$12.70	\$127.00	\$23.00	\$230.00
d.	10	CY	Machine, Wet and Dewatering	\$18.50	\$185.00	\$34.00	\$340.00
e.	100	CY	No. 57 Stone Backfill	\$40.00	\$4,000.00	\$48.00	\$4,800.00
f.	100	SY	Geotextile Fabric	\$1.00	\$100.00	\$2.00	\$200.00

BID TABULATION  
250327.002A Columbia Cty Little River

BT-1

G. Ben Turnipseed Engineers, Inc.  
6/5/2013

				Southern Champion Construction, Inc. Stone Mountain, Georgia		WWPS, LLC Villa Rica, Georgia	
7.	CONCRETE WORK						
a.	10	CY	Class "A" Concrete	\$220.00	\$2,200.00	\$375.00	\$3,750.00
b.	10	CY	Class "B" Concrete	\$210.00	\$2,100.00	\$240.00	\$2,400.00
c.	10	CY	Class "C" Concrete	\$200.00	\$2,000.00	\$180.00	\$1,800.00
d.	500	LBS	Reinforcing Steel	\$1.00	\$500.00	\$1.00	\$500.00
e.	100	SF	Contact Forms	\$6.00	\$600.00	\$4.00	\$400.00
8.	PLANT SEWER LINES						
a.	20	LF	24" D.I. Pipe	\$303.00	\$6,060.00	\$175.00	\$3,500.00
b.	20	LF	16" D.I. Pipe	\$202.00	\$4,040.00	\$123.00	\$2,460.00
c.	20	LF	12" D.I. Pipe	\$147.00	\$2,940.00	\$70.00	\$1,400.00
d.	20	LF	10" D.I. Pipe	\$122.00	\$2,440.00	\$62.00	\$1,240.00
e.	20	LF	8" D.I. Pipe	\$94.00	\$1,880.00	\$51.00	\$1,020.00
9.	D.I. PIPE, IN PLACE (FLANGED JOINT)						
a.	10	LF	4"	\$112.00	\$1,120.00	\$41.00	\$410.00
b.	10	LF	6"	\$116.00	\$1,160.00	\$48.00	\$480.00
c.	10	LF	8"	\$139.00	\$1,390.00	\$56.00	\$560.00
d.	10	LF	10"	\$181.00	\$1,810.00	\$69.00	\$690.00
e.	10	LF	12"	\$224.00	\$2,240.00	\$77.00	\$770.00
f.	10	LF	16"	\$310.00	\$3,100.00	\$135.00	\$1,350.00
g.	10	LF	20"	\$410.00	\$4,100.00	\$174.00	\$1,740.00
h.	10	LF	24"	\$515.00	\$5,150.00	\$202.00	\$2,020.00
i.	10	LF	30"	\$831.00	\$8,310.00	\$230.00	\$2,300.00
10.	D.I. IN PLACE (MECHANICAL JOINT)						
a.	10	LF	4"	\$106.00	\$1,060.00	\$37.00	\$370.00
b.	10	LF	6"	\$113.00	\$1,130.00	\$44.00	\$440.00
c.	10	LF	8"	\$136.00	\$1,360.00	\$51.00	\$510.00
d.	10	LF	10"	\$176.00	\$1,760.00	\$62.00	\$620.00
e.	10	LF	12"	\$215.00	\$2,150.00	\$70.00	\$700.00
f.	10	LF	16"	\$295.00	\$2,950.00	\$123.00	\$1,230.00
g.	10	LF	20"	\$376.00	\$3,760.00	\$151.00	\$1,510.00
h.	10	LF	24"	\$467.00	\$4,670.00	\$175.00	\$1,750.00
i.	10	LF	30"	\$797.00	\$7,970.00	\$190.00	\$1,900.00
11.	D.I. PIPE FITTINGS						
a.	1	TONS	Bell and Spigot	\$5,480.00	\$5,480.00	\$6,000.00	\$6,000.00
b.	1	TONS	Mechanical Joint	\$5,480.00	\$5,480.00	\$6,000.00	\$6,000.00
c.	1	TONS	Flanges	\$5,480.00	\$5,480.00	\$8,000.00	\$8,000.00
12.	20	CY	REMOVAL AND DISPOSAL OF SAND, GRIT AND DEBRIS FROM EXISTING TREATMENT UNITS	\$100.00	\$2,000.00	\$135.00	\$2,700.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$5,424,180.00</b>		<b>\$5,600,000.00</b>
<b>ADDITIONS/DEDUCTIONS</b>							
A-1	To demolish the existing motor control center in the blower building and replace with with a new motor control center as specified herein and shown on the Drawings, add the following amount:				\$37,500.00		\$49,000.00
				\$37,500.00		\$49,000.00	

		Southern Champion Construction, Inc. Stone Mountain, Georgia		WWPS, LLC Villa Rica, Georgia	
A-2	To relocate the existing 750 kw generator and 1,600 amp automatic transfer switch to the Reed Creek water pollution control plant as specified herein and shown on the Drawings, add the following lump sum amount:	\$91,000.00		\$73,000.00	
A-3	In lieu of the 1,800 rpm nominal variable speed pumps specified, provide and install a complete pumping system as specified in section 10.14 utilizing 1,200 rpm nominal variable speed pumps, the following amount: ADD/DEDUCT	\$91,000.00		\$73,000.00	
	Submersible Pumps - Section 10.14				
	Mfr. KSB Pumps	\$39,000.00	\$39,000.00	\$42,000.00	\$42,000.00
	Mfr. ABS Pumps	\$31,000.00		\$0.00	\$0.00
<b>TOTAL AMOUNT ADDITIONS/DEDUCTIONS</b>		<b>\$167,500.00</b>		<b>\$164,000.00</b>	
<b>TOTAL AMOUNT BID WITH ADDITIONS/DEDUCTIONS</b>		<b>\$5,591,680.00</b>		<b>\$5,764,000.00</b>	

	Morgan Contracting, Inc. Knoxville, Tennessee	South Atlantic Construction, Inc. Greenwood, South Carolina
Item 1: For furnishing all materials and equipment and performing all labor necessary for constructing additions to the Little River Water Pollution Control Plant Phase I including earth excavation, backfill, painting and all other work and grading, roadways, substructures, yard piping, drains, electrical, mechanical (excluding the cost of appurtenances for completion of the work as shown on the Drawings and/or as specified, Major Mechanical Equipment listed in Item No. 2) and all other work and appurtenances, the lump sum of:	\$3,844,400.00	\$3,798,110.00

Item 2: MECHANICAL EQUIPMENT

Equipment and Manufacturer				Price	Base Price	Price	Base Price
a.	Mechanical Bar Screen - Section 10.13				\$404,250.00		\$436,000.00
	Mfr. Headworks, Inc.			\$404,250.00		\$436,000.00	
b.	Submersible Pumps - Section 10.14				\$491,000.00		\$567,000.00
	Mfr. KSB, Inc.			\$491,000.00		\$567,000.00	
c.	Odor Control Equipment - Section 10.15				\$117,000.00		\$126,000.00
	Mfr. Bio Air Solutions, LLC			\$117,000.00		\$126,000.00	
d.	Instrumentation and Control - Section 11				\$320,000.00		\$320,000.00
	Mfr. Emerson Bristol					\$320,000.00	
	Mfr. Whitaker Electric			\$320,000.00			
e.	Generator Sets and Equipment - Section 13				\$390,750.00		\$422,000.00
	Mfr. Caterpillar			\$390,750.00		\$422,000.00	
	Mfr. Cummins			\$406,000.00		\$438,000.00	
ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
3.	500	CY	Rock Excavation	\$75.00	\$37,500.00	\$1.00	\$500.00
4.	1	LS	Comprehensive Monitoring Program	\$2,200.00	\$2,200.00	\$1,000.00	\$1,000.00
5.	1	LS	Spare Parts Allowance	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
<b>EXTRA WORK, IF ORDERED BY ENGINEER</b>							
6.			EXCAVATION AND BACKFILL				
a.	10	CY	Hand, Dry	\$35.00	\$350.00	\$10.00	\$100.00
b.	10	CY	Hand, Wet and Dewatering	\$100.00	\$1,000.00	\$15.00	\$150.00
c.	10	CY	Machine, Dry	\$7.00	\$70.00	\$7.00	\$70.00
d.	10	CY	Machine, Wet and Dewatering	\$22.00	\$220.00	\$10.00	\$100.00
e.	100	CY	No. 57 Stone Backfill	\$50.00	\$5,000.00	\$35.00	\$3,500.00
f.	100	SY	Geotextile Fabric	\$2.00	\$200.00	\$2.00	\$200.00
7.			CONCRETE WORK				
a.	10	CY	Class "A" Concrete	\$270.00	\$2,700.00	\$150.00	\$1,500.00
b.	10	CY	Class "B" Concrete	\$255.00	\$2,550.00	\$145.00	\$1,450.00
c.	10	CY	Class "C" Concrete	\$250.00	\$2,500.00	\$140.00	\$1,400.00
d.	500	LBS	Reinforcing Steel	\$0.70	\$350.00	\$1.00	\$500.00
e.	100	SF	Contact Forms	\$3.00	\$300.00	\$8.00	\$800.00
8.			PLANT SEWER LINES				
a.	20	LF	24" D.I. Pipe	\$114.00	\$2,280.00	\$90.00	\$1,800.00
b.	20	LF	16" D.I. Pipe	\$63.00	\$1,260.00	\$55.00	\$1,100.00
c.	20	LF	12" D.I. Pipe	\$45.00	\$900.00	\$40.00	\$800.00
d.	20	LF	10" D.I. Pipe	\$40.00	\$800.00	\$35.00	\$700.00

					Morgan Contracting, Inc. Knoxville, Tennessee		South Atlantic Construction, Inc. Greenwood, South Carolina	
	e.	20	LF	8" D.I. Pipe	\$28.00	\$560.00	\$30.00	\$600.00
9.				D.I. PIPE, IN PLACE (FLANGED JOINT)				
	a.	10	LF	4"	\$56.00	\$560.00	\$50.00	\$500.00
	b.	10	LF	6"	\$73.00	\$730.00	\$60.00	\$600.00
	c.	10	LF	8"	\$96.00	\$960.00	\$75.00	\$750.00
	d.	10	LF	10"	\$130.00	\$1,300.00	\$95.00	\$950.00
	e.	10	LF	12"	\$165.00	\$1,650.00	\$115.00	\$1,150.00
	f.	10	LF	16"	\$250.00	\$2,500.00	\$175.00	\$1,750.00
	g.	10	LF	20"	\$335.00	\$3,350.00	\$230.00	\$2,300.00
	h.	10	LF	24"	\$420.00	\$4,200.00	\$290.00	\$2,900.00
	i.	10	LF	30"	\$910.00	\$9,100.00	\$650.00	\$6,500.00
10.				D.I. IN PLACE (MECHANICAL JOINT)				
	a.	10	LF	4"	\$56.00	\$560.00	\$35.00	\$350.00
	b.	10	LF	6"	\$60.00	\$600.00	\$37.00	\$370.00
	c.	10	LF	8"	\$86.00	\$860.00	\$45.00	\$450.00
	d.	10	LF	10"	\$100.00	\$1,000.00	\$60.00	\$600.00
	e.	10	LF	12"	\$130.00	\$1,300.00	\$70.00	\$700.00
	f.	10	LF	16"	\$155.00	\$1,550.00	\$80.00	\$800.00
	g.	10	LF	20"	\$215.00	\$2,150.00	\$115.00	\$1,150.00
	h.	10	LF	24"	\$255.00	\$2,550.00	\$140.00	\$1,400.00
	i.	10	LF	30"	\$365.00	\$3,650.00	\$215.00	\$2,150.00
11.				D.I. PIPE FITTINGS				
	a.	1	TONS	Bell and Spigot	\$5,850.00	\$5,850.00	\$3,800.00	\$3,800.00
	b.	1	TONS	Mechanical Joint	\$7,140.00	\$7,140.00	\$4,750.00	\$4,750.00
	c.	1	TONS	Flanges	\$6,000.00	\$6,000.00	\$4,200.00	\$4,200.00
12.	20	CY		REMOVAL AND DISPOSAL OF SAND, GRIT AND DEBRIS FROM EXISTING TREATMENT UNITS	\$65.00	\$1,300.00	\$25.00	\$500.00
TOTAL AMOUNT BASE BID						\$5,697,000.00		\$5,734,000.00
ADDITIONS/DEDUCTIONS								
A-1	To demolish the existing motor control center in the blower building and replace with with a new motor control center as specified herein and shown on the Drawings, add the following amount:				\$27,500.00	\$27,500.00	\$29,000.00	\$29,000.00
A-2	To relocate the existing 750 kw generator and 1,600 amp automatic transfer switch to the Reed Creek water pollution control plant as specified herein and shown on the Drawings, add the following lump sum amount:				\$86,300.00	\$86,300.00	\$97,500.00	\$97,500.00
A-3	In lieu of the 1,800 rpm nominal variable speed pumps specified, provide and install a complete pumping system as specified in section 10.14 utilizing 1,200 rpm nominal variable speed pumps, the following amount: ADD/DEDUCT							
	Submersible Pumps - Section 10.14							
	Mfr.	KSB Pumps			\$36,000.00	\$36,000.00	\$0.00	\$0.00
	Mfr.	ABS Pumps			\$66,000.00		\$0.00	
TOTAL AMOUNT ADDITIONS/DEDUCTIONS						\$149,800.00		\$126,500.00
TOTAL AMOUNT BID WITH ADDITIONS/DEDUCTIONS						\$5,846,800.00		\$5,860,500.00



**P.F. Moon and Company, Inc.**  
**West Point, Georgia**

Item 1: For furnishing all materials and equipment and performing all labor necessary for constructing additions to the Little River Water Pollution Control Plant Phase I including earth excavation, backfill, painting and all other work and grading, roadways, substructures, yard piping, drains, electrical, mechanical (excluding the cost of appurtenances for completion of the work as shown on the Drawings and/or as specified, Major Mechanical Equipment listed in Item No. 2) and all other work and appurtenances, the lump sum of:

\$4,099,500.00

Item 2: MECHANICAL EQUIPMENT

Equipment and Manufacturer		Price	Base Price
a.	Mechanical Bar Screen - Section 10.13		\$405,000.00
	Mfr. Headworks, Inc.	\$405,000.00	
b.	Submersible Pumps - Section 10.14		\$496,000.00
	Mfr. KSB, Inc.	\$496,000.00	
c.	Odor Control Equipment - Section 10.15		\$117,000.00
	Mfr. Bio Air Solutions, LLC	\$117,000.00	
d.	Instrumentation and Control - Section 11		\$320,000.00
	Mfr. Emerson Bristol		
	Mfr. Whitaker Electric	\$320,000.00	
e.	Generator Sets and Equipment - Section 13		\$406,000.00
	Mfr. Caterpillar	\$391,000.00	
	Mfr. Cummins	\$406,000.00	

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
3.	500	CY	Rock Excavation	\$75.00	\$37,500.00
4.	1	LS	Comprehensive Monitoring Program	\$8,000.00	\$8,000.00
5.	1	LS	Spare Parts Allowance	\$10,000.00	\$10,000.00

**EXTRA WORK, IF ORDERED BY ENGINEER**

6.			EXCAVATION AND BACKFILL		
a.	10	CY	Hand, Dry	\$50.00	\$500.00
b.	10	CY	Hand, Wet and Dewatering	\$60.00	\$600.00
c.	10	CY	Machine, Dry	\$5.00	\$50.00
d.	10	CY	Machine, Wet and Dewatering	\$10.00	\$100.00
e.	100	CY	No. 57 Stone Backfill	\$40.00	\$4,000.00
f.	100	SY	Geotextile Fabric	\$4.00	\$400.00
7.			CONCRETE WORK		
a.	10	CY	Class "A" Concrete	\$200.00	\$2,000.00
b.	10	CY	Class "B" Concrete	\$160.00	\$1,600.00
c.	10	CY	Class "C" Concrete	\$140.00	\$1,400.00
d.	500	LBS	Reinforcing Steel	\$1.00	\$500.00
e.	100	SF	Contact Forms	\$10.00	\$1,000.00
8.			PLANT SEWER LINES		
a.	20	LF	24" D.I. Pipe	\$150.00	\$3,000.00
b.	20	LF	16" D.I. Pipe	\$96.00	\$1,920.00
c.	20	LF	12" D.I. Pipe	\$80.00	\$1,600.00
d.	20	LF	10" D.I. Pipe	\$64.00	\$1,280.00

					P.F. Moon and Company, Inc. West Point, Georgia	
	e.	20	LF	8" D.I. Pipe	\$50.00	\$1,000.00
9.				D.I. PIPE, IN PLACE (FLANGED JOINT)		
	a.	10	LF	4"	\$58.00	\$580.00
	b.	10	LF	6"	\$63.00	\$630.00
	c.	10	LF	8"	\$68.00	\$680.00
	d.	10	LF	10"	\$88.00	\$880.00
	e.	10	LF	12"	\$125.00	\$1,250.00
	f.	10	LF	16"	\$172.00	\$1,720.00
	g.	10	LF	20"	\$220.00	\$2,200.00
	h.	10	LF	24"	\$250.00	\$2,500.00
	i.	10	LF	30"	\$300.00	\$3,000.00
10.				D.I. IN PLACE (MECHANICAL JOINT)		
	a.	10	LF	4"	\$38.00	\$380.00
	b.	10	LF	6"	\$40.00	\$400.00
	c.	10	LF	8"	\$50.00	\$500.00
	d.	10	LF	10"	\$64.00	\$640.00
	e.	10	LF	12"	\$80.00	\$800.00
	f.	10	LF	16"	\$96.00	\$960.00
	g.	10	LF	20"	\$125.00	\$1,250.00
	h.	10	LF	24"	\$150.00	\$1,500.00
	i.	10	LF	30"	\$178.00	\$1,780.00
11.				D.I. PIPE FITTINGS		
	a.	1	TONS	Bell and Spigot	\$4,800.00	\$4,800.00
	b.	1	TONS	Mechanical Joint	\$4,500.00	\$4,500.00
	c.	1	TONS	Flanges	\$4,500.00	\$4,500.00
12.	20	CY		REMOVAL AND DISPOSAL OF SAND, GRIT AND DEBRIS FROM EXISTING TREATMENT UNITS	\$75.00	\$1,500.00
TOTAL AMOUNT BASE BID						\$5,956,900.00
ADDITIONS/DEDUCTIONS						
A-1	To demolish the existing motor control center in the blower building and replace with with a new motor control center as specified herein and shown on the Drawings, add the following amount:				\$30,250.00	\$30,250.00
A-2	To relocate the existing 750 kw generator and 1,600 amp automatic transfer switch to the Reed Creek water pollution control plant as specified herein and shown on the Drawings, add the following lump sum amount:				\$105,053.00	\$105,053.00
A-3	In lieu of the 1,800 rpm nominal variable speed pumps specified, provide and install a complete pumping system as specified in section 10.14 utilizing 1,200 rpm nominal variable speed pumps, the following amount: ADD/DEDUCT					
	Submersible Pumps - Section 10.14					
	Mfr.	KSB Pumps			\$36,000.00	\$36,000.00
	Mfr.	ABS Pumps			\$24,000.00	
TOTAL AMOUNT ADDITIONS/DEDUCTIONS						\$171,303.00
TOTAL AMOUNT BID WITH ADDITIONS/DEDUCTIONS						\$6,128,203.00